

Converting Colors

HunterLab(49.1317, 94.7589,
-50.5726)

Have a look what the booklet for
HunterLab(49.1317, 94.7589,
-50.5726) contains.

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Color

**HunterLab(49.0894, 94.7014,
-50.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	F200DD
RGB	242, 0, 221
RGB Percent	95%, 0%, 87%
CMY	0.0510, 0.9998, 0.1333
CMYK	0.00, 1.00, 0.09, 0.05
HSL	305°, 100%, 47%
HSV	305°, 100%, 95%
XYZ	49.6691, 24.0977, 70.4401
YIQ	97.5520, 73.2910, 120.0350

Conversions

Conversions Part 2

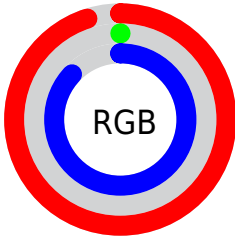
Format	Color
R _Y B	242, 0, 221
Decimal	15859933
CIE Lab	56.19, 91.59, -48.52
CIE LCh	56, 103.644, 332.089
Yxy	24.0989, 0.3444, 0.1671
Android (android.graphics.Color)	4294050013 (0xFFFF200DD)
YUV	97.5520, 60.8599, 126.6809
Hunter-Lab	49.0894, 94.7014, -50.7147

Details

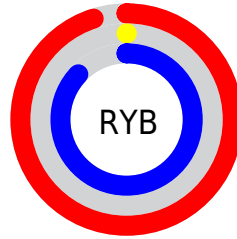
The HunterLab color $49.0894, 94.7014, -50.7147$ is a light color, and the websafe version is hex $FF33FF$. The color can be described as light saturated magenta. A complement of this color would be $79.7242, -68.1194, 47.4039$, and the grayscale version is $34.5506, -1.8435, 1.8772$.

A 20% lighter version of the original color is $61.4714, 78.1039, -52.0047$, and $35.4124, 68.3159, -36.5827$ is the 20% darker color. If you saturate the color by 10%, you get $49.0894, 94.7010, -50.7117$, and if you desaturate by 10%, it is $49.8738, 92.6849, -50.7227$.

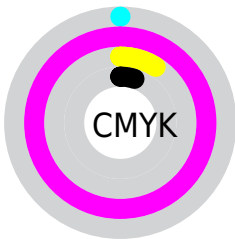
Distribution



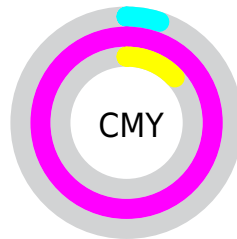
- Red (95%)
- Green (0%)
- Blue (87%)



- Red (95%)
- Yellow (0%)
- Blue (87%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0894, 94.7014, -50.7147 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 49.0894, 94.7014, -50.7147 by changing the saturation by 10% instead.


 49.0894, 94.7014,
-50.7147


 49.0894, 94.7014,
-50.7147


165.3239,
116.4850, -56.7475


 39.2517, 92.1479,
-50.1740


 70.8460, 99.9585,
-52.1094


 30.1753, 89.8396,
-49.9133


 82.6807, 102.5461,
-52.8505


 21.9319, 88.1264,
-50.2371

 95.1097, 105.0693,
-53.5817

 14.6159, 87.8853,
-51.8912

 108.1057,
107.5167, -54.2886

 8.2759, 93.1415,
-57.9045

 121.6451,
109.8830, -54.9628

0.0000, INF, -NF

135.7067,

0.0000, NaN, -NF

112.1662, -55.5990

0.0000, NaN, NaN

150.2719,
114.3665, -56.1944

■ 49.0894, 94.7014,
-50.7147

■ 49.0894, 94.7014,
-50.7147

■ 49.0894, 94.7010,
-50.7117

■ 49.8738, 92.6849,
-50.7227

■ 51.4540, 87.9618,
-49.0029

■ 53.9988, 80.3185,
-45.3542

■ 57.5133, 70.2928,
-40.0526

■ 61.9363, 58.6405,
-33.5366

67.1721, 46.0768,
-26.2465

73.1151, 33.1452,
-18.5352

79.6648, 20.1987,
-10.6461

86.7327, 7.4358,
-2.7289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.0906, 49.8776, -122.8595



49.0894, 94.7014, -50.7147



49.0906, 111.3101, 5.4716

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.0906, 94.6982, -50.7123



49.0906, -5.6193, 34.3634



49.0906, -55.1075, -60.7382

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.0894, 94.7014, -50.7147



79.7242, -68.1194, 47.4039

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.0906, -61.1806, -0.3026



49.0894, 94.7014, -50.7147



49.0906, -39.4737, 33.5981

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.0906, 94.6982, -50.7123



49.0906, 42.7275, 33.9171



49.0906, -56.6444, 27.1634



49.0906, -35.8221, -131.4052

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.0894, 94.7014, -50.7147



49.0906, 100.7496, 24.0947



49.0906, -56.6444, 27.1634



49.0906, -58.3874, -37.3976

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.0906, 94.6982, -50.7123



77.5241, 35.3157, -19.7551



25.6178, 68.8860, -177.4305



34.5948, 19.0318, -10.7563

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.0906, 94.6982, -50.7123



52.0918, 100.4879, -53.7722



44.5143, 78.3311, 12.4502



40.0080, 3.1192, -1.0682



35.9940, 69.4604, -37.3575



10.4149, 20.1503, -11.2116

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49.0906, 94.6982, -50.7123



52.0918, 100.4879, -53.7722



80.8912, -60.8516, 30.2562



40.0080, 3.1192, -1.0682



35.9940, 69.4604, -37.3575



10.4149, 20.1503, -11.2116

Previews

White Background



This preview shows how the HunterLab color 49.0894, 94.7014, -50.7147 looks on a white background.

Color Contrast Check

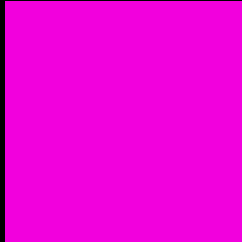
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.0894, 94.7014, -50.7147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.0894, 94.7014, -50.7147 Background



This preview shows how black text looks on a background with the HunterLab color 49.0894, 94.7014, -50.7147.



This preview shows how white text looks on a background with the HunterLab color 49.0894, 94.7014, -50.7147.

-50.7147.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.0894, 94.7014, -50.7147

Protanopia

49.9514, 15.0905, -81.2509

Deuteranopia

49.6475, 4.4962, -40.5932



Tritanopia

49.4086, 50.7216, 19.1831

Trichromacy



Original Color

49.0894, 94.7014, -50.7147



Protanomaly

41.9964, 48.5258, -92.9835



Deuteranomaly

42.5853, 44.0429, -60.6323



Tritanomaly

46.9988, 69.5116, -0.6367

Monochromacy



Original Color

49.0894, 94.7014, -50.7147



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

34.5144, 39.1985, -22.6868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0894, 94.7014, -50.7147 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 0, 221)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 0, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0894, 94.7014, -50.7147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 0, 221) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(242, 0, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(242, 0, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 221);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0894, 94.7014, -50.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242, 0,  
221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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